

ABSTRACT OF THE DISCLOSURE

A method for image processing that compensates for inconsistent edge detection. A field of view of a camera is segmented in the form of a matrix by angle and by measured range value based on parallax; matrix data is calculated for a segment where a detected edge exists, and also for segments surrounding the segment, the calculated matrix data is then assigned to each of the segments; and a search is performed through the assigned matrix data to find a segment that has matrix data exceeding a predetermined threshold value. If, the detected edge exists in the found segment, edge data of the edge is taken to represent the position of an object.